IFWO

RAW SEQUENCE LISTING  DATE: 09/17/2004
PATENT APPLICATION:  US/10/691,654  TIME: 11:41:20

Input Set : **N:\Crf3\RULE60\10691654.raw**
Output Set: **N:\CRF4\09172004\J691654.raw**

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 1 <110> APPLICANT: Shionogi & Co., Ltd.
 2        Maeda, Tomoko
 3        Ochi, Takahiro
 4        Suzuki, Ryuji
 5 <120> TITLE OF INVENTION: METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS
 6        AND INDUCING THEIR
 7        DIFFERENTIATION INTO OSTEOCLASTS
 8 <130> FILE REFERENCE: 197679US0PCT
 9 <140> CURRENT APPLICATION NUMBER: US/10/691,654
10 <141> CURRENT FILING DATE: 2003-10-24
11 <150> PRIOR APPLICATION NUMBER: US/09/646,899
12 <151> PRIOR FILING DATE: 2000-10-10
13 <150> PRIOR APPLICATION NUMBER: JAPAN 95962/1998
14 <151> PRIOR FILING DATE: 1998-04-08
15 <150> PRIOR APPLICATION NUMBER: JAPAN 170407/1998
16 <151> PRIOR FILING DATE: 1998-06-18
17 <160> NUMBER OF SEQ ID NOS: 2
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 467
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (28)..(309)
27 <223> OTHER INFORMATION:
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ENTERED

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     30                                         Met Met Gly Leu Ser Leu Ala Ser Ala
     31                                          1               5
     32      gtg ctc ctg gcc tcc ctc ctg agt ctc cac ctt gga act gcc aca cgt      102
     33      Val Leu Leu Ala Ser Leu Leu Ser Leu His Leu Gly Thr Ala Thr Arg
     34      10              15                  20                  25
     35      ggg agt gac ata tcc aag acc tgc tgc ttc caa tac agc cac aag ccc      150
     36      Gly Ser Asp Ile Ser Lys Thr Cys Cys Phe Gln Tyr Ser His Lys Pro
     37                      30                  35                  40
     38      ctt ccc tgg acc tgg gtg cga agc tat gaa ttc acc agt aac agc tgc      198
     39      Leu Pro Trp Thr Trp Val Arg Ser Tyr Glu Phe Thr Ser Asn Ser Cys
     40                      45                  50                  55
     41      tcc cag cgg gct gtg ata ttc act acc aaa aga ggc aag aaa gtc tgt      246
     42      Ser Gln Arg Ala Val Ile Phe Thr Thr Lys Arg Gly Lys Lys Val Cys
     43                      60                  65                  70
     44      acc cat cca agg aaa aaa tgg gtg caa aaa tac att tct tta ctg aaa      294
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```
45        Thr His Pro Arg Lys Lys Trp Val Gln Lys Tyr Ile Ser Leu Leu Lys
46             75                  80                  85
47        act ccg aaa caa ttg tgactcagct gaattgtcat ccgaggacgc ttggaccccg      349
48        Thr Pro Lys Gln Leu
49        90
50        ctcttggctc tgcagccctc tggggagcct gcggaatctt ttctgaaggc tacatggacc      409
51        cgctggggag gagagggtgt ttcctcccag agttacttta ataaaggttg ttcatagt       467
53  <210> SEQ ID NO: 2
54  <211> LENGTH: 94
55  <212> TYPE: PRT
56  <213> ORGANISM: Homo sapiens
57  <400> SEQUENCE: 2
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59        1                   5                  10                  15
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61                      20                  25                  30
62        Cys Cys Phe Gln Tyr Ser His Lys Pro Leu Pro Trp Thr Trp Val Arg
63                      35                  40                  45
64        Ser Tyr Glu Phe Thr Ser Asn Ser Cys Ser Gln Arg Ala Val Ile Phe
65             50                  55                  60
66        Thr Thr Lys Arg Gly Lys Lys Val Cys Thr His Pro Arg Lys Lys Trp
67        65                  70                  75                  80
68        Val Gln Lys Tyr Ile Ser Leu Leu Lys Thr Pro Lys Gln Leu
69                          85                  90
70        ?2?
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**VERIFICATION SUMMARY**                    DATE: 09/17/2004
PATENT APPLICATION:  **US/10/691,654**      TIME: 11:41:21

Input Set : **N:\Crf3\RULE60\10691654.raw**
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L:28 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:0